15 TABLE 8

24 hr Shear Bond Strength of 1P-SEA Containing Different Co-initiators					
		-	Sample I.D.		
			1P-SEA contain- ing DMABN	1P-SEA contain- ing DHEPT	1P-SEA contain- ing EDAB
Human Dentin SBS (MPa): Mean (SD) Human	RT stored 50° C. 3 weeks RT	QTH Light LED light QTH Light LED light QTH Light	23.2 (3.9) 22.0 (4.0) 15.3 (4.2) 15.8 (6.1) 26.4 (5.3)	NT NT NT NT 13.5	17.0 (7.5) 15.6 (5.7) 14.5 (6.9) 16.8 (6.8) 32.7 (7.2)
Enamel SBS (MPa): Mean (SD)	stored 50° C. 3 weeks	LED light QTH Light LED light	32.0 (3.0) 26.7 (5.3) 35.3 (7.9)	(6.7) NT NT NT	30.1 (7.3) 7.6 (2.0) 24.8 (13.3)

What is claimed is:

- 1. A one-part, self-etching dental adhesive comprising a hydrolytically stable acidic adhesive monomer, a hydrolytically stable, difunctional hydrophilic monomer, and an acid stable visible light cure photoinitiator comprising a combination of diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide, camphorquinone, and dimethylaminobenzonitrile, wherein the hydrolytically stable acidic adhesive monomer is dipentaerythritol pentaacrylate phosphoric acid ester.
- 2. A one-part, self-etching dental adhesive comprising a hydrolytically stable, difunctional hydrophilic monomer, a hydrolytically stable, difunctional hydrophilic monomer, and an acid stable visible light cure photoinitiator comprising a combination of diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide, camphorquinone, and dimethylaminobenzonitrile, wherein the hydrolytically stable, difunctional hydrophilic monomer is 3-(acryloyloxy)-2-hydroxypropyl methacrylate.

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